

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY PATENT APPLICATION**

Attorney's Docket No.  
015290-310

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

GAS INJECTION SYSTEM FOR PLASMA PROCESSING

the specification of which

(check one)

is attached hereto;

☒ was filed on December 30, 1998 as

Application No. 09/223,273

and was amended on \_\_\_\_\_;  
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

4/8/99  
H/F

|   |                                     |
|---|-------------------------------------|
| <b>COMBINED DECLARATION AND POWER OF ATTORNEY</b> | Attorney's Docket No.<br>015290-310 |
|---|-------------------------------------|

| COUNTRY/INTERNATIONAL | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED |
|-----------------------|--------------------|--------------------------------------|------------------|
|                       |                    |                                      | YES_ NO_         |
|                       |                    |                                      | YES_ NO_         |

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

|                           |        |                        |        |                        |        |
|---------------------------|--------|------------------------|--------|------------------------|--------|
| William L. Mathis         | 17,337 | George A. Hovanec, Jr. | 28,223 | Peter K. Skiff         | 31,917 |
| Peter H. Smolka           | 15,913 | James A. LaBarre       | 28,632 | Richard J. McGrath     | 29,195 |
| Robert S. Swecker         | 19,885 | E. Joseph Gess         | 28,510 | Matthew L. Schneider   | 32,814 |
| Platon N. Mandros         | 22,124 | R. Danny Huntington    | 27,903 | Michael G. Savage      | 32,596 |
| Benton S. Duffett, Jr.    | 22,030 | Eric H. Weisblatt      | 30,505 | Gerald F. Swiss        | 30,113 |
| Norman H. Stepno          | 22,716 | James W. Peterson      | 26,057 | Michael J. Ure         | 33,089 |
| Ronald L. Grudziecki      | 24,970 | Teresa Stanek Rea      | 30,427 | Charles F. Wieland III | 33,096 |
| Frederick G. Michaud, Jr. | 26,003 | Robert E. Krebs        | 25,885 | Bruce T. Wieder        | 33,815 |
| Alan E. Kopecki           | 25,813 | William C. Rowland     | 30,888 | Todd R. Walters        | 34,040 |
| Regis E. Slutter          | 26,999 | T. Gene Dillahunty     | 25,423 |                        |        |
| Samuel C. Miller, III     | 27,360 | Patrick C. Keane       | 32,858 |                        |        |
| Ralph L. Freeland, Jr.    | 16,110 | Bruce J. Boggs, Jr.    | 32,344 |                        |        |
| Robert G. Mukai           | 28,531 | William H. Benz        | 25,952 |                        |        |

and: Jeffrey J. Brooks, Reg. No. 35,834 and Marilyn E. Glaubenskleee, Reg. No. 35,521

Address all correspondence to: Peter K. Skiff  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

Address all telephone calls to: Peter K. Skiff at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |                              |                 |
|--|------------------------------|-----------------|
| FULL NAME OF SOLE OR FIRST INVENTOR<br>Tuqiang NI        | SIGNATURE<br>                | DATE<br>3-30-99 |
| RESIDENCE<br>5415 Ontario Common, Fremont, CA 94555      | CITIZENSHIP<br>China         |                 |
| POST OFFICE ADDRESS<br>same as above                     |                              |                 |
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY<br>Alex DEMOS | SIGNATURE                    | DATE            |
| RESIDENCE<br>1762 Bay Street, San Francisco, CA 94123    | CITIZENSHIP<br>United States |                 |
| POST OFFICE ADDRESS<br>same as above                     |                              |                 |

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FULL NAME OF SOLE OR FIRST INVENTOR

SIGNATURE

DATE

Tuqiang NI

RESIDENCE

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CITIZENSHIP

China

POST OFFICE ADDRESS

same as above

FULL NAME OF SECOND JOINT INVENTOR, IF ANY

SIGNATURE

DATE

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1401 Red Hawk Circle, Unit K-311, Fremont, CA 94538

CITIZENSHIP

United States

POST OFFICE ADDRESS

same as above